

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/04958

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L1/18 H04L12/56 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 1 156 617 A (MATSUSHITA ELECTRIC IND CO LTD) 21 November 2001 (2001-11-21)</p> <p>abstract column 1, line 1 - line 29 column 1, line 52 - column 2, line 19 column 2, line 47 - column 3, line 39 column 4, line 48 - line 55 column 5, line 34 - column 9, line 30 figure 5</p> <p>--- -/--</p>	<p>1-4, 7-13, 15-17, 19</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

29 January 2004

Date of mailing of the international search report

05/02/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 62467 A (NOKIA NETWORKS OY ; LONGONI FABIO (FI); AHMAVAARA KALLE (FI); MALKA) 19 October 2000 (2000-10-19) abstract page 1, line 10 - line 35 page 4, line 10 - page 5, line 18 page 6, line 15 - page 7, line 2 page 10, line 3 - page 12, line 6 ---	1,2,7,8, 10,11, 15,16,19
X	WO 01 43331 A (BALL CARSTEN ; DEINZER ARNULF (DE); SIEMENS AG (DE)) 14 June 2001 (2001-06-14) abstract page 1, line 6 - line 15 page 2, line 16 - line 25 page 3, line 19 - page 5, line 14 ---	1,4,7,9, 10,13, 15,17,19
X	WO 00 08796 A (ERICSSON TELEFON AB L M) 17 February 2000 (2000-02-17)  abstract page 2, line 15 - page 3, line 21 page 5, line 27 - page 6, line 15 page 11, line 19 - page 13, line 20 ---	1,4,7,9, 10,13, 15,17,19
A	DAS A ET AL: "A2IR: AN ASYNCHRONOUS AND ADAPTIVE HYBRID ARQ SCHEME FOR 3G EVOLUTION", VTC 2001 SPRING. IEEE VTS 53RD. VEHICULAR TECHNOLOGY CONFERENCE. RHODES, GREECE, MAY 6 - 9, 2001, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY: IEEE, US, VOL. VOL. 1 OF 4. CONF. 53, PAGE(S) 628-632 XP001067036 ISBN: 0-7803-6728-6 abstract II. Asynchronous and Adaptive Hybrid ARQ -----	1-19

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